

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
20 October 2005 (20.10.2005)

PCT

(10) International Publication Number  
**WO 2005/097713 A1**

(51) International Patent Classification<sup>7</sup>: **C07B 59/00**, C07C 17/20, 17/361, 25/13, 45/63, 49/807, 49/84, C07D 239/553, C07C 277/08, 279/06, 227/16, 229/36, C07D 209/82, 213/75

(74) Agents: **HAMMETT, Audrey, Grace, Campbell et al.**; GE Healthcare Limited, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

(21) International Application Number:  
PCT/GB2005/001344

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 6 April 2005 (06.04.2005)

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

(26) Publication Language: English

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(30) Priority Data:  
0407952.1 8 April 2004 (08.04.2004) GB

(71) Applicant (for all designated States except US): **GE HEALTHCARE LIMITED [GB/GB]**; Amersham Place, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WADSWORTH, Harry, John [GB/GB]**; The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB). **DEVENISH, Tony [GB/GB]**; The Grove Centre, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB).

WO 2005/097713 A1

(54) Title: FLUORIDATION METHOD

(57) Abstract: A method for the fluoridation of an iodonium salt with a fluoride ion source which can be carried out in an aqueous reaction solvent.